

AUG 29 2001

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## UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/885,302	06/20/2001	Mingzhong Ding	S01.12-0709/STL 9808

CONFIRMATION NO. 2673

## FORMALITIES LETTER



\*OC000000006421058\*

Robert M. Angus  
Westman, Champlin & Kelly  
International Center, Suite 1600  
900 Second Avenue South  
Minneapolis, MN 55402-3319

Date Mailed: 08/14/2001

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

## Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 710 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).*
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 840.**

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

08/29/2001 AWONDAF1 00000039 09885302

01 FC:101	710.00 OP
02 FC:105	130.00 OP
03 FC:998	5.00 OP



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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named  
Inventor : Mingzhong Ding et al.

Appln. No.: 09/885,302

Filed : June 20, 2001

For : VARIABLE TPI DATA RECORDING IN  
HARD DISC DRIVES

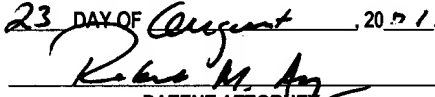
Docket No.: S01.12-0709/STL 9808

Group Art Unit:2651

**RESPONSE TO NOTICE TO FILE MISSING PARTS  
OF APPLICATION - FILING DATE GRANTED  
UNDER 37 C.F.R. §§ 1.53(f) AND 1.16(e)**

**Box Missing Parts**  
Commissioner for Patents  
Washington, D.C. 20231

I HEREBY CERTIFY THAT THIS PAPER IS BEING  
SENT BY U.S. MAIL, FIRST CLASS, TO THE  
ASSISTANT COMMISSIONER FOR PATENTS,  
WASHINGTON, D.C. 20231, THIS

23 DAY OF August, 2001.  
  
PATENT ATTORNEY

Sir:

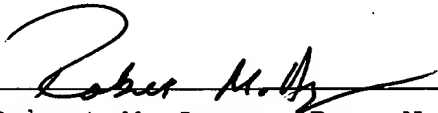
In response to the Notice to File Missing Parts of  
Application - Filing Date Granted dated August 14, 2001, Applicant  
encloses the following documents to complete the above-identified  
patent application filed June 20, 2001:

1. Our check in the amount of \$840 (to cover the filing  
fee \$710 and surcharge fee of \$130).
2. Declaration executed by the inventor(s).
3. Fee Calculation Sheet (duplicate).
4. Notice to File Missing Parts of Application-Filing Date  
Granted.
5. Power of Attorney and Statement Under 37 CFR § 3.73(b)

The Director is authorized to charge payment of any additional fees associated with this paper or credit any overpayment to Deposit Account No. 23-1123. A duplicate copy of this sheet is enclosed.

Respectfully submitted,  
WESTMAN, CHAMPLIN & KELLY, P.A.

By: \_\_\_\_\_

  
Robert M. Angus, Reg. No. 24,383  
Suite 1600 - International Centre  
900 Second Avenue South  
Minneapolis, Minnesota 55402-3319  
Phone: (612) 334-3222 Fax: (612) 334-3312

RMA:tas

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## FEE TRANSMITTAL



Complete if Known

Application No.	09/885,302
Filing Date	June 20, 2001
First Named Inventor	Mingzhong Ding et al.
Title	VARIABLE TPI DATA RECORDING IN HARD DISC DRIVES
Group Art Unit	2651
Examiner Name	
Atty. Docket Number	S01.12-0709

Total Amount of Payment \$ 840

## METHOD OF PAYMENT (Check One)

1. ☒ The Director is hereby authorized to charge any additional fee required under 37 C.F.R. § 1.16 and 1.17, including any petition fee, and credit any over payments to Deposit Account No. 23-1123.  
Westman, Champlin & Kelly, P.A.

2. ☒ Check Enclosed

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee	Small Entity Fee	Large Entity Fee	Small Entity Fee	Fee Description
Code	(\$)	Code	(\$)	
101	710	201	355	<input checked="" type="checkbox"/> Utility Filing Fee
106	320	206	160	<input type="checkbox"/> Design Filing Fee
108	710	208	355	<input type="checkbox"/> Reissue Filing Fee
114	150	214	75	<input type="checkbox"/> Prov. Filing Fee

Subtotal (1) \$ 710

## 2. EXTRA CLAIM FEES

	Number Claims	Prior**	Extra	Fee from Below	Fee Paid
Total	20	20	0	18	0
Indep.	3	3	0	80	0

Multiple Dependent Claims

\*\* Insert 3 and 20, or number previously paid if greater; Reissue see below

Large Entity Fee	Small Entity Fee	Large Entity Fee	Small Entity Fee	Description
Code	(\$)	Code	(\$)	
103	18	203	9	Claims in excess of 20
102	80	202	40	Independent claims in excess of 3
104	270	204	135	Multiple Dependent Claims
109	80	209	40	Reissue Independent Claims over Original Patent
110	18	210	9	Reissue claims in excess of 20 and over original patent

Subtotal (2) \$ 0

## FEE CALCULATION (Continued)

## 3. ADDITIONAL FEES

Large Entity Fee	Small Entity Fee	Large Entity Fee	Small Entity Fee	Fee Description	Fee Paid
Code	(\$)	Code	(\$)		
105	130	205	65	Surcharge - Late filing fee or oath	130
127	50	227	25	Surcharge - Late provisional Filing Fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For Filing a Request for Reexamination	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	280	945	Extension for reply within fifth month	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
148	110	248	55	Terminal Disclaimer Fee	
140	110	240	55	Petition to Revive - unavoidable	
141	1,240	241	620	Petition to Revive - unintentional	
142	1,270	242	650	Utility/Reissue issue fee (inc. advance copies)	
143	470	243	250	Design issue fee (inc. advance copies)	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Petitions related to provisional applications	
126	180	126	180	Submission of Information Disclosure Statement	
581	40	581	40	Recording each patent assignment per property (times number of properties)	

Other Fee (specify) \_\_\_\_\_

Subtotal (3) \$130

Signature

(Steven M. Koshler)

Reg. No. 36,188

Date

8/23/01

Deposit Account No. 23-1123